Mathematics

MATH 221  **Calculus I**  credit: 4 hours.

First course in calculus and analytic geometry for students with some calculus background; basic techniques of differentiation and integration with applications including curve sketching; antidifferentiation, the Riemann integral, fundamental theorem, exponential and trigonometric functions. Credit is not given for both MATH 221 and either MATH 220 or MATH 234. Prerequisite: An adequate ALEKS placement score; and either one year of high school calculus or a minimum score of 2 on the AB Calculus AP exam.

This course satisfies the General Education Criteria for a:
Quantitative Reasoning I

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Quant Reasoning I course.
Departmental Approval Required
For Merit Workshop students only. Departmental approval required. For further information see http://www.math.uiuc.edu/timetable/

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Quant Reasoning I course. Placement in this course requires a U of I Math Placement Exam score of at least 70%. For details see http://www.math.uiuc.edu/ALEKS/.
Quant Reasoning I course.

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Quant Reasoning I course. Restricted to Engineering. Placement in this course requires a U of I Math Placement Exam score of ≥ at least 70%. For details see [http://www.math.uiuc.edu/ALEKS/](http://www.math.uiuc.edu/ALEKS/).

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